



Translation

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference 02P12447WO01	FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)	
International application No. PCT/DE2003/002498	International filing date (day/month/year) 24 July 2003 (24.07.2003)	Priority date (day/month/year) 02 August 2002 (02.08.2002)
International Patent Classification (IPC) or national classification and IPC H04L 1/00		
Applicant SIEMENS AKTIENGESELLSCHAFT		

1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 4 sheets, including this cover sheet.

This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).

These annexes consist of a total of 5 sheets.

3. This report contains indications relating to the following items:

- I Basis of the report
- II Priority
- III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- IV Lack of unity of invention
- V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- VI Certain documents cited
- VII Certain defects in the international application
- VIII Certain observations on the international application

Date of submission of the demand 11 December 2003 (11.12.2003)	Date of completion of this report 29 October 2004 (29.10.2004)
Name and mailing address of the IPEA/EP	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/DE2003/002498

I. Basis of the report

1. With regard to the elements of the international application:^{*}

the international application as originally filed

the description:

pages _____ 1, 3-7 _____, as originally filed

pages _____ _____, filed with the demand

pages _____ 2, 2a _____, filed with the letter of 12 October 2004 (12.10.2004)

the claims:

pages _____ _____, as originally filed

pages _____, as amended (together with any statement under Article 19

pages _____, filed with the demand

pages _____ 1-13 _____, filed with the letter of 12 October 2004 (12.10.2004)

the drawings:

pages _____ 1/1 _____, as originally filed

pages _____ _____, filed with the demand

pages _____, filed with the letter of _____

the sequence listing part of the description:

pages _____ _____, as originally filed

pages _____ _____, filed with the demand

pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is:

the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).

the language of publication of the international application (under Rule 48.3(b)).

the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. The amendments have resulted in the cancellation of: the description, pages _____ the claims, Nos. _____ the drawings, sheets/fig _____5. This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rule 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-13	YES
	Claims		NO
Inventive step (IS)	Claims	1-13	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-13	YES
	Claims		NO

2. Citations and explanations

The present application meets the criteria in PCT Article 33(2) and (3), and therefore the subject matter of claims 1-13 is novel and inventive:

Description of the invention: The invention pertains to a method and device for evaluating useful information received via a communications network, said useful information containing data consisting of text telephone data and speech data, characterized in that, by means of a statistical analysis of the useful information, the reliability data concerning an error concealment are forwarded after reception to an error correction module in order to improve decoding of the text telephone data.

Prior art: WO-A-98/48531 discloses a method for concealing errors in an audio data stream. Errors occurring in the audio data stream are replaced by a subgroup of intact audio data. These intact audio data are analysed statistically in order to calculate their spectral energy and thereby create substitute data which are suitable for the erroneous audio data.

Objective problem: To avoid expensive error concealment signalling for the decoding of text telephone data.

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Solution: The error concealment is signalled with reliability data by means of a statistical calculation of the signal energy of the audio data stream and text telephone data.

Assessment of the difference: The subject matter of the solution is novel (PCT Article 33(2)) and involves an inventive step (PCT Article 33(3)) which is neither obvious nor derivable.